

Application Serial No. 10/601,822

Request for Continued Examination filed January 14, 2008

Reply to final Office Action mailed September 17, 2008

**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (currently amended) A control system controlling audio and visual output, comprising:
  - a sound input unit receiving an input of ~~sound including a voice sound and an ambient sound for talking~~;
  - an analyzing unit obtaining a power spectrum characteristic of the sound received by the sound input unit, by analyzing said sound;
  - a control information storage unit storing therein a control information corresponding to the power spectrum characteristic of the sound;
  - a specifying unit specifying, as a characteristic of ~~an~~ the ambient sound, a sound element that is not matched with the power spectrum characteristic of the voice among the power spectrum characteristic of the sound;
  - a retrieving unit retrieving from the control information storage unit, the control information corresponding to the power spectrum characteristic of the ambient sound;
  - an output unit outputting a predetermined effect; and
  - a control unit controlling the output unit based on the control information retrieved by the retrieving unit; and
  - wherein the predetermined effect is displayed while the voice sound is output.

2. (original) A control system according to claim 1, wherein the predetermined effect is at least one of operations performed based on predetermined functions such as displaying an image, reproducing a piece of music and giving a notice by vibrations.

3 and 4. (cancelled)

5. (currently amended) A control system according to claim 1, further comprising:
  - a detection unit detecting an auxiliary information to be used for the retrieve, and
  - wherein the control information storage unit stores therein the sound power

spectrumcharacteristic, the auxiliary information and the control information in a way that corresponds the sound characteristic and the auxiliary information to the control information, and

the retrieving unit retrieves from the control information storage unit, the control information corresponding to the sound power spectrumcharacteristic and the auxiliary information.

6. (original) A control system according to claim 1, further comprising:

a speaking state detection unit detecting, when the sound input unit receives the sound for a speech, a speaking period and a non-speaking period.

7. (original) A control system according to claim 1, wherein the sound input unit receives a sound transmitted from a device of the other party via a communication network.

8. (original) A control system according to claim 1, wherein the sound input unit receives a sound transmitted to a device of the other party via the communication network.

9. (original) A control system according to claim 1, wherein the sound input unit receives a sound during the non-using period of the device including the control system.

10. (currently amended) A storage medium readable by a computer, storing a program of instructions executable by the computer to perform method steps comprising:

obtaining a characteristic ofreceiving an inputted sound by analyzing the including a voice sound for talking;

specifying as a characteristic ofand an ambient sound, a;

analyzing the input sound element that is not matched with the characteristic of the voice among the characteristic of the sound;

retrieving from a control information storage unit, a control information corresponding to the characteristicobtain a power spectrum of the ambient sound; and

executing the control so as to output a predetermined effect on the basis of the retrieved control information.matching the power spectrum of the received ambient sound with an existing power spectrum;

obtaining a predetermined image representative of the existing power spectrum; and

displaying the predetermined image while outputting the voice sound.

Application Serial No. 10/601,822

Request for Continued Examination filed January 14, 2008

Reply to final Office Action mailed September 17, 2008

11. (currently amended) A storage medium readable by a computer, storing a program according to claim 10, wherein the predetermined imageeffect is at least one of operations performed based on predetermined functions such as displaying an image, reproducing a piece of music and giving a notice by vibrations.

12 and 13. (cancelled)

14. (currently amended) A storage medium readable by a computer, storing a program according to claim 10, further comprising:

detecting an auxiliary information to be used for the retrieve, and

wherein the retrieve of the control information involves retrieving a control information corresponding to the sound power spectrumcharacteristic and to the auxiliary information from the control information storage unit.

15. (Previously Presented) A storage medium readable by a computer, storing a program according to claim 10, further comprising:

detecting the inputted sound being the speech sound, and a speaking period and a non-speaking period from the speech sound.

16. (Previously Presented) A storage medium readable by a computer, storing a program according to claim 10, wherein a sound received from a device of the other party via a communication network, is set as the inputted sound.

17. (Previously Presented) A storage medium readable by a computer, storing a program according to claim 10, wherein a sound transmitted from a device of the other party via a communication network, is set as the inputted sound.

18. (Previously Presented) A storage medium readable by a computer, storing a program according to claim 10, further comprising:

receiving a sound during a non-using period of the computer.

19. (Previously Presented) A method of controlling audio and visual output, comprising: receiving an input sound including a voice sound and an ambient sound; analyzing the input sound to obtain a power spectrum of the ambient sound;

Application Serial No. 10/601,822

Request for Continued Examination filed January 14, 2008

Reply to final Office Action mailed September 17, 2008

matching the power spectrum of the received ambient sound with an existing power spectrum;

obtaining a predetermined image representative of the existing power spectrum; and displaying the predetermined image while outputting the voice sound.